GROW MORE ROOTS

It is Surprising How Much Our People Neglect Root Crops.

It is surprising to me that root crops are so much neglected by our In England, Scotland and even in Canada the farmers make great reckoning on their rutabagas, but I must confess that I think much more of mangel wurtzels than of any kind of turnips and I would not think of neglecting to get in an acre or more each year. And it is surprising what an amount of nutricious food can be grown on an acre in this form. I believe fifteen to twenty tons per acre is a common yield, and they are most excellent for all kinds of stock. We keep them constantly hung up in our chicken house and are sure they help a great deal toward making winter eggs. Our brood sows are kept almost exclusively upon them through the winter, and the sheep and cattle get their daily ration. All except sheep are more fond of them than they are of turnips, so we grow rutabagas for the sheep.

To produce mangels profitably several points must be kept in mind. First, the land must be deeply plowed and finely pulverized; second, beware of working it when too wet, or it will certainly be hard and lumpy; third, use plenty of manure, for they are gross feeders; fourth, see that the plants are properly thinned, and not left too crowded; one good plant to every foot of row, and rows three feet apart I think about right; fifth, keep them worked clean until they spread enough to nearly cover the ground.

The main thing is to keep the soil rich and well pulverized. Throw it up into slight ridges three feet apart, on which drill in the seed with a hand seed-drill, at the rate of about five pounds per acre and cover half an inch. As soon as fairly up run a cultivator between the rows to keep the surface broken and destroy the small weeds. Do not expect the plants to appear with much regularity or even-In many places they will be found too thick and in other spots none at all will appear. Fill out by transplanting. The golden tankard and yellow globe have been the standard varieties in this country for years. In some soils the mammoth long red is preferred. The seed is cheap. It should not cost over 25 cents per pound, perhaps less in quantity. Under high culture 2,000 bushels per acre have been grown.

The Sheep.

Cross bred ewes make good dams. Every cross in an upward direction improves the quality.

Sheep should have a dry, warm place in which to stand in bad weather. Sheep that are worth having usual-



ly require very little doctoring. To grow the best fleece sheep must be kept in a thrifty condition. Many sheep become diseased from being compelled to sleep on accumulated manure.

Top-Diessing Meadows.

"Your grass is the best I have seen this year," said a neighbor to me the other day. And quite naturally I felt complimented, for we all like to feel that we are at least not behind the procession in our business. The secret of my success in getting a good crop of grass this year I attribute to the fact that I heavily top-dressed my meadows last fall. We were at that time suffering from a severe drouth, and the indications were that the grass roots would be seriously injured, if not entirely killed out by the prolonged dry weather. Then I drew out all the barnyard manure I could rake and scrape, and spread it on my meadow land. I thought I could see last fall that the labor had not been in the vain. The grass roots, under their covering of manure, seemed to be fresh and quite unlike those of the plants that were not so protected. The drouth was followed by a very open winter, with very little snow and frequent and severe changes from freezing to thawing a condition of things which could not but prove trying to the grass plants.

Thousands of acres of meadow were practically ruined by the climate thanges which I have indicated. The new seeding especially suffered. Much of that was a total failure. Immense sums of money were lost last year to grass seed. So I do feel like congratulating myself on my escape from the common fate. My grass came through well and I cut a far better crop than I would had I not treated my meadows as I did.

It is my intention to follow this plan hereafter so far as I can.

. If the season is not dry I shall put my manure on a little later, so that It may not be so likely to evaporate and pass off in the air. Straw manure is not quite as good for this purpose, forthe reason it may not be rotten by the time we wish to mow another season, and the rake may gather it up again to go in with the rake .- E. L. Vincent.

The less severe pruning a tree is sublected to the more likely it is to be of long life. Prune off young sprouts with the thumb and be charry about putting large limbs.

WITCH GRASS. .

The Hand Hoe the Only Real Means of Exterminating This Nuisance.

Whitch grass is a nulsance and cause of serious damage in corn culture as well as in other crops. It is sometimes destroyed by crops that are rank growers. It is claimed by some that a able to depend upon any crop for its to watch the birds fly; at the toy extermination, unless the hand hoe is shops she would stand to look in the freely used. If it has become firmly window at the playthings; if she met established the cultivator will not any friends, she would wait to talk to eradicate it. The New Hampshire them. Experiment Station, in a report just issued, confirms this view. The staabundantly shown at this station. that there was hardly time to say Two plots of ground were laid off, the good morning. same in every respect. On May 9 the 10. The preliminary cultivation consisted of two harrowings after the corn was planted and the use of the weeder three times. On June 10 both plots were cultivated with cultivator. Which grass was quite prominent at this time. One of the plots was immediately gone over with the hand hoe, not as a cultivator but simply to distroy the grass. On June 21, July 5, and July 20 the same operations were repeated During the summer the hoed plot was entirely free of witch grass, but the other plot was matted with it in the rows. The corn was cut and harvested with the following results: The hoed plot yielded 81 bushels to the acre, and the unhoed 61 bushels. Where this grass abounds the corn should be checked, and in some cases, it is possible that where the cultivator can be run both ways, it will exterminate the weed. Weeds and corn cannot be grown together. We all know that. The hand hoe is the most despised tool on the farm. The man with the hoe" is mostly a selebrated pieture and a celebrated poem. Yet it is the only implement that will successfully do certain kinds of work, and it is to be regretted that its use is not more common. writer has hoed corn many a day, followed the plow, and corn culture in those days was fully as profitable as it er work, lived as long and were as is now, and farmers, with their hardhappy as the farmers of to-day.

Cultivating Culous,

A few years ago we had a bushel or more of little onions, not sets which were grown from the seed and we had kept over winter. They were of the Red Weathersfield variety. We decided to try to raise a crop of onions fit for market by preventing them from going to seed. The ground on which they were planted was plowed. and made as mellow as possible by harrowing and draging it . We then furrowed the ground with a plow, two or three inches deep and made rows about two feet apart. We then planted the onions the same way as to make green onions for the table, about six inches apart in the rows.

The cultivator consisted of keeping the weeds down and stirring the soil. This was performed with a common garden hoe and plow. he plants had not been in the ground very long, when the tops of the seed buds began to show between the leaves. Within this lies the whole secret. If the bud is left to develop all your work is lost. But if it is broken out all the strength goes to the bulb. We went over the patch once a week, commencing as soon as the earliest bud appeared and continued this until all had developed, The operation was performed by taking hold of the stems near the base and bending them to one side which generally broke them off. After a few weeks the onions commenced to enlarge, the blubs reaching a very good size by the time they ripened. They matured about a month earlier than seed onlons did and for some of them we obtained \$1.60 per bushel. While later ones only about 60 cents. I believe it would pay to grow onions in this way because: 1st, they are earlier: 2nd, they are easier grown; 3rd, they bring more per bushel.

Notes for the Apiar.

Plant something for the bees. Try a patch of alfalfa clover, some buckwheat or some bokahra clover. Keep everything clean and neat

about the hives. By no means let weeds and grass grow up about them. Take off all the surplus honey now that is completed. It will not remain so white and clean if left long on the hives.

No big crop of honey this year, so when you go to market with your crop remember it is higher than usual. Two failures in succession, last year and

Better take off the surplus boxes from colonies that are not very strong in honey and bees, so they will fill up the brood chamber if you have a late honey flow.

Do not allow your bees to set out in the winter as you did last, but begin now to think about a place for them. Make a cellar expressly for them or make chaff hives; whatever you do, begin now.

Paint every cover to the hives once a year, and do not neglect this. The body of the hives will outlast two or three covers the best you can do, and leaky covers are bad things to have.

Every farmer should have a few colonies of bees, just enough to supply his table with honey if he had not the time to attend to more. A few colonles will require scarcely no valuable time and will prove a blessing to those who take pains in making home interesting. Two or three colonies ought to keep a bountiful supply of honey the year round on the table of the owner.

Starch factories should be built in all potato growing districts. Farmers might do well to build and run them on the co-operative plan.

DILLY DALLY

NCE upon a time there was a little girl named Mary. Now this little girl lived with her father and mother, her uncle and brothers, and they were all very fond of her. Every morncrop of ensilage corn will rid the ing she went to kindergarten, but she ground of witch grass, but in our own would take the longest time to reach experience we have found it inadvis- the school. She would stop on the way

Now, of course, all this took a great deal of time, and so morning after tion farm is badly infested, and it is morning when Mary finally reached impossible to grow average crops of the kindergarten, she would be latecorn with average cultivation. The too late to take part in the songs and benefit of using the hand hoe has been | talk, and every one would be so busy

And so when this happened a great plots were planted to corn and were many times, what do you suppose the given the same cultivation until June children began to call Mary? Why, "Dilly Dally." Of course the little girl did not like it at all, nor did the teacher, but she said to Mary: "I am sorry to hear the children call you this, but Mary, you must learn not to dilly dally, and then they will stop it."

One day when Mary came in late she heard the children talking about a picnic for the following day. They were to go out in the country, to gather flowers to find the nuts, to see the fishes swimming about the water; the butterflies and birds flying about-in fact they expected to have a beautiful

time. The teacher told them all that it would be necessary to be on time, and at the last she said to Mary: "Be sure to ask mother to get you here early, so you can come with us, and, Mary, don't stop on the street to look at the people and the stores." Mary wanted to go to the picnic very much indeed, and the moment she got home she told her mother what the teacher had said.

Next morning Mary was called very early. She took such a long time to put on her stockings that her mother called up, "Come, Mary, don't dilly Then she was so slow fixing dally." her hair that mother called up a second time: "Hurry up, little daughter, don't dilly dally." It was then so late she hardly had time to eat her break-



fast and finally started for kindergarten. Mary knew that it was late, so she began to hurry very fast. At the corner of the street she saw a man with a horse and broken wagon, and without thinking she stood and watched them.

she remembered and commenced to for."-Independent. run on her way but she soon forgot again when she came to the toy shop window. She looked in at the dolls and carriages and dishes, and would have stayed a long time had not a man coming out of the store, slammed the door. That startled Mary and made her think of the picnic. She ran very fast then until she came to the kindergarten. She opened the door and what do you think she saw? Only the empty benches and tables; no children, no teacher. They had all gone and Mary was there all alone.

Of course there was nothing to do but to go home again and when she told her mother, she said: "Why, Mary, how you must have dilly dal-

The next day the teacher told her swinging under the trees, gathering flowers and nuts, watching the fishes and birds, and doing all the merry things that are always done at picnies. It made Mary feel very badly to hear it all. The teacher told her that would have another picnic and then she could try to be early this time.

Sure enough, another day was started very early. When she came to the toy shop she turned her head away, so she would be sure not to stop; she saw some people she knew but hurried on and would not wait to talk, and do you know when she got to the kindergarten there was no one

there but the teacher. Mary was the first child ready for the picnic, and the feacher said: "I am so glad, Mary, that you have come so early." When the children came they were glad, too, and do you know never call her Dilly Dally again, but gende Blatter. would call her by her own name, Mary.

The Right Man.

Applicant-I'm a very experienced barber, and I should like to get a job in your shop.

with that bald head. A customer to get a college degree."-Washington would laugh if you asked him to buy a bottle of our celebrated magic hair restorer.

Applicant-Aye, but I'd be the man that used the hair restorer that Jinx sells in the shop round the corner. Barber-I never thought of that; you can start work at once.

Red, White and Blue.

A useful pincushion is made with three china-headed penny dolls, incased in bran bags of satin in three weapons weighing 2,500 pounds and colors, with peaked caps of satin gummed to their heads. The bags are joined together with bows of tri-color ribbon, and the dolls' hands are bound out thinking that he says what he with the same ribbon, by which the minks,-Philadelphia Record. Il whole thing is suspended.

ESS WORK AND MORE MONEY



A boon to The Farmer's Wife 250,000 now in use Earn \$10 .- extra per cow each year Highest Award at Paris Write for catalogue

De Laval

Cream Separators

THE DE LAVAL SEPARATOR CO. 74 Cortlands Street MONTREAL NEW YORK PHILADELPHIA SAN FRANCISCO

TWENTY-FOUR HOURS.

A yawn, a gasp, a sigh profane Arise, a bath, a sweat,

A meal, a clock apacing fast, A collar dripping wet,
Adieu, a dash, a hail, a car,
A neighbor damp and fat,

A rushing blast of furnace air, A stream from out your hat, A city street, a heated pave,

An ancient sign, "Hot Lunch," A thought of winter's nipping nights, A wild desire to punch; A wish to feel again the way

You felt in April's reign. When open trolleys chilled you through And protests rose in vain; An idiot bits your back. question and a grin

"It's hot enough I hope for you?" Would murder be a sin? A drink, a lunch, another drink-Thermometer—a glance— A fizz, a beer, a borse's neck,

A second round, perchance An evening paper, a heading black; "Relief at last in sight," frenzied laugh: "They promised that A frenzied laugh:

A week ago to-night."

A handkerchief in collars place, A shirt all minus style,

A coat hung limply on your arm-Another lengthy smile, A crowded car, a setting sun.

A block on Fulton Street, A woman close beside your ear, A man upon your feet; A start again, a sudden halt,

A dizzy forward slam, A sound of bundles dropping fast— A stifled murmur,

At home at last, a lounge, a fan, A bath, a change of clothes, A meal, a bed, a snore and so

From day to day it goes.

-Brooklyn Eagle.

Both Prayers Answered. The last time I interviewed General O. O. Howard it was on the subject of answers to prayer, and I thought I had him. In his famous fight with Stonewall Jackson the Union forces were defeated, so I inquired of General How-

"You prayed before that battle?" "Yes," he answered. "And Jackson was a praying man.

He prayed atso." "Yes," he assented. "Then how was it be gained the vic-

tory? Did that mean that the Union cause was wrong?" Very gently the good old general

plied: "Both our prayers were answer-She forgot all about the picnic until ed. Jackson prayed for immediate vicsome one close beside her said: "Well, tory and I for the ultimate triumph of little girl, where are you going?" Then our cause. We both got what we prayed

Penetration of Light.

Experiments show that light can be seen through a clean cut opening of not more than one forty-thousandth of an inch. This fact was determined by taking two thoroughly clean, straight edges, placing a piece of paper between the surfaces at one end, the opposite end being allowed to come together. The straight edges being placed between the eye and a strong light in a dark room, a wedge of light was perceived from the ends between which the paper was placed and the opposite, which were brought together. The thickness of the paper being known, the distance apart of the two edges of the small end of the wedge of light about the pleasant day they had spent, was easily calculated, and the result was shown as above.

A Bell That Never Rang. A curlous legend is that connected with the bell of St. Mura, in Ireland. The bell was said to have descended perhaps some day very soon, they from the sky ringing loudly, but as it approached the earth the tongue detached itself and returned to the skies. The people concluded from this that planned for and this morning Mary the bell was never to be profaned by sounding on earth, but was to be kept for purposes more holy and beneficent.

An Act of Gratitude.

A gentleman saved the life of a clothes dealer who had been capsized in a boat. The latter was profuse in his thanks and said to his rescuer: "I see that you have spoiled your clothes on this auspicious occasion. Allow me to take the opportunity of handing you my business card. Ten thousand elethey said that after that they would gant summer suits at 46 marks!"-Flie-

> Light on a Great Question. "It is my opinion," said one sage,

that a man who has a college degree is very likely to be successful in life." "Yes," answered the other, "and it is rule that works both ways. A man Barber-You? You'd never do at all who is successful in life is very likely

> Tiresome. "I'm so tired," she sighed to the woman next door.

> "What doing?" "I've been the last four hours at the photographer's having an instantaneous picture of the baby taken."-Exchange.

Howitzers are steel breechloading having a length of 6 feet w inches.

It's usually when a man speaks with-

THIS AND THAT.

Don't tell personal things to complete strangers. Envy travels up hill; contempt downward.

A woman occasionally talks about herself-if there are no other women to talk about.

All the mending of the week should be regularly and promptly done and never permitted to accumulate.

When a woman is no longer attractive she ceases to be inconstant.

Daniel was the only man we ever heard of who wasn't spoiled by being lionized.

There are women who believe that husbands must be treated as children, always on the alert to keep things out of their grasp that may be attractive, but not good for them. The greatest friend to love is lonesomeness.

No one seems to blame the actor for trying to make a show of himself.

The more blunders a man makes the more expert he becomes in framing apologies.

The average man would never wear his neckties out if he let his wife purchase them.

The small boy can never understand what his mother means when she says that she punishes him only "for his good.

You can learn a great deal about the character of a man from the way

he treats women and dogs. Gloves should never be mended with silk thread. When a seam in a glove starts, sew it with cotton thread to match the glove in shade.

You invite some 300 guests, all unknown to me, and then wonder that I do not accept your invitation and complain and are ready to quarrel with me. Fabullus, I do not like to dine alone. -Martial.

Learn, to greet your friends with a smile. They carry too many frowns in their own hearts to be bothered with any of yours.

The Danube flows through countries in which fifty-two languages and dialects are spoken. It is 2,000 miles in length, and bears on its current fourfifths of the commerce of Eastern Europe.

HUMOROUS.

"I cannot sing the old, old songs," Alas! her words are true ones; And we'll bear witness to the fact She cannot sing the new ones. -Harlem Life.

Jones was once a ladies' man. But he no longer cares to flirt; The reason is because his wife Makes him wear a home-made shirt. -Chicago Record.

She takes time by the forelock,-All wisdom counsels that,-And, clad in furs and winter frock, Picks out her new spring hat.

-Chicago News. To keep pace with the procession As it moves along, you know, notions quickly, Then as quickly let them go.

-Chicago Record. Jail occupants don't care, they say, If measles come about: They're pretty middling sure that they

Aren't likely to break out. -Elliott's Magazine. The coal man was a schoolboy once But he wasted his time having fun: Which may account for the fact that he

Thinks seventeen hundred makes a ton. -Chicago News. I've made but two great vows in all

my life: First, at the altar, when I took a wife; The second, when death eased our mutual pain.

That I would never do the like again, -Judge. We see her at the telephone.

She calls her husband up And then she calls him down. -Chicago Daily News. Compensations in nature,

We note her stormy frown;

Every where you find them-If a woman is far ahead of the times, Her gowns are as far behind them. -Detroit Journal. The young man tried to kiss the girl,

And she, fearing he might fail, Did just what he intended to-She gently drew the veil. -Chicago Daily News. The chimneys that loom up so high

Are like the men we know; Ofttimes there's lots of smoke above, And little fire below. -Chicago Times-Herald. Why cry for the moon, my wee laddie?

Is there, then, of toys such a dearth? Why, child, you want more than your daddy For he only asks for the earth. -Detroit Free Press.

When on your lips you set a seal, And vow they nothing shall reveal, Watch well throughout the day, for lo! Tis then that you'll tell all you know. -Chicago Record.

"OL' NUTMEG'S" SAYINGS.

The hardest thing fur the right sort uv a man t' dew is t' dew nuthin'. I hey noticed that the city dood in the kentry is jest ez big a jay ez the

kentry dood is in the city. Ef yew are goin' t' butcher a lamb in pity's name don't dew it with a pair uv wool shears.

Many an intelligent, growd up pusson tries t'play hookey frum the School of Reason ev'ry day uv his life. It hez allus seemed t' me thet the sayin' thet "dead men tell no tales" is a purty hard slap at the wimmen folks.

Opportunity allus comes A prancing unexpected; We'd seldom do the things we've done

Hed be but once reflected. The great trouble with some people is thet when they seize a golden opportunity they wanter seize ev'rything else in reach .- Joe Cone.



THINK IT OVER. There's a reaon for those pains in your back and ides, for those dull, dragging aches, hat listless, "keep-away-from-me" that listless, feeling. The kidneys are to blame. They get sick, can't do their work and the whole system feels the effect, just as a whole town feels the effect of a blockaded sewerage system.

Doan's Kidney Pills

Set matters right quickly and easily. They never fail, even in the most adranced stages of kidney disease, Mrs. C. V. Pitts, of 21 Broad street,

New London, Conn., whose husband conducts a grocery store says: "Previous to using Doan's Kidney Pills in te winter of 1896 I was greatly inconveniend by pain and lameness across the sm iny back. The treatment cured that par-cular attack, and I made the facts known the people of New London through our ily papers. It is over three years since my ignal statement was given to the public ad all I can add to it is that during the time

cified I have found that a dose or two on's Kidney Pills prevent recurrences." Donn's Kidney Pills for sale by al dealers; price 50 cents a box. Mailed on receipt of price by Foster-Milburn Co., Buffalo, N. Y., sole agents for the U. S.

Remember the name-Doan's-and ake no substitute.

St.J.&L.C.R.R, Time Table.

Summer errangement in effect June 24, 1901.

Mail. **Sark** **A.M. P. M. A. M. Swanton. **B0.12 3.54 A. M. Swanton. **B0.44 4.35 Express **Bold 6.41 Express **Bold 6.41 Johnson. **Bold 7.55 E.55 MORRISVILLE. **Bold 7.55 E.55 MORRISVILLE. **Bold 7.55 E.55 MORRISVILLE. **Bold 7.55 E.55 Hardwick.	Mail. Mail. Express A Hyde Prk Mixed	Mail. Express Express Express Express Hyde Prk Mixed Swanton Swanton State Swanton Sheldon Jet Sh	Mail. Express Express Express Hyde Prk Mil. 2.54 A. M. Swanton. Beldon Jet. F. M. A. Fairfield. East Fairfield. Ea	ž	P. M.
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D. J. FLANDERS, Gen. Pass. Agent.

RUTLAND RAILROAD.

Time Table Corrected to June 24, 1961. Trains Leave Hurlington GOING SOUTH AND EAST.

DAILY EXCEPT SUNDAY UNLESS OTHERWILE NOTED. 8.30 A. M.-EXPRESS MAIL due Rutland 8.30 A. M. — EXPRESS MAIL due Rutland. 11:05 a. m, Troy 2:10 p. m., Albany 2:55 p. m., New York 7:00 p. m., Bellows Falls 1:25 p. m., Boston 5:45 p. m., Provi-dence 7:25 p. m., Worcester 5:00 p. m., Springfield 5:30 p. m.

due Rutland 12:00 p. m., Troy 4:50 p. m., Albany 5:25 p. m., New York 9:30 p. m., Bellows Falls 3:55 p. m., Boston 7:41 p. m., Worcester 6:55 p. m., Springfield 6:18 p. m., Pullman parlor cars and coaches to Boston and New York. conches to Bostor and New York.

1.15 P. M., MIXED TRAIN for Ticonderoga,

Rutland and intermediate stations, due Ticonderoga 6:46 p. m., Rutland 6:15 p.m. 5.35 P. M. Local passenger for Rutland and intermediate stations, due Rutland 8:00 P. M. 10.06 P. M.—For Boston and New York daily. due Rutland 12:16 a. m., Troy 2:45 a.m., New York 7:20 a.m., Boston 7:00 a. m., Worcester 6:35 a. m., Providence 8:15 a. m., Pullman buffet sleeping cars to

a. m. Pullman buffet New York and Boston. Going North and West. P. M. Burlington P. M. 12:10 Grand Isle 5:10 7:42 Arrive Rouses P Rouses Point Plattsburg Malone Ogdensburg 6:00 8:15 8:00 8:35 9:35 10:85 The 7:05 p. m., train west has Pullman palace sleeping car to Buffalo via. Norwood without change, arriving Buffalo 0:45 next morning.

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C. B. HIBBARD, Gen't Passenger App. H. A. HODGE Traffic Mgr.

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197 Washington Street, Boston.

A Terrible Threat. "How did you finally break your husband of smoking in the drawing

room?" "I threatened to make a smoking jacket for him myself if he didn't give

it up."-Stray Stories.